

Abstract

An object to be solved

Disclosed is a novel resin modifier which enables to improve the low-temperature impact resistance of a polymer alloy including a polar group-containing polymer and an olefin polymer and enables to obtain a molded article with smooth surface when the polymer alloy is molded. Also disclosed is a polar group-containing polymer composition including the resin modifier. The polar group-containing polymer composition which is suitable in the invention is a resin composition of a polylactic acid and a polypropylene.

Means for solving the object

A resin modifier (C) obtained by reacting a polyolefin (A) having a group which reacts with a carbodiimide group, and a carbodiimide group-containing compound (B), wherein the content of the carbodiimide group is from 1 to 200 mmol per 100 g of the resin modifier, and a polar group-containing polymer composition (F) comprising from 1 to 30% by weight of the resin modifier (C), from 99 to 20% by weight of a polar group-containing polymer (D), and from 0 to 80% by weight of an olefin polymer (E).